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ATTTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 12084.PCT.US DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 24 April 2002 PCT/US03/12445 22 April 2003 TITLE OF INVENTION Mesh Connected Brake Array for Electrical Rotating Machines APPLICANT(S) FOR DO/EO/US EDELSON, Jonathan Sidney Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. c. X is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. X An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording, A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete including gathering information, preparing, and submitting the complete form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2004)

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U.S. APPLICATION	APPLICATION OF (INTERNATIONAL APPLICATION NO. PCT/US03/12445		ATTORNEY'S DOCKET NUMBER 12084.PCT.US		
21 X The following	n fees are submitted:			CALCULATIONS	PTO USE ONLY
21. The following fees are submitted: BASIC NATIONAL FEE (CFR 1.492(a)(1)–(5)):					
Neither international pr	reliminary examination fee (37 C h fee (37 CFR 1.445(a)(2)) paid				
and International Sear	ch Report not prepared by the E	PO or JPO	\$1080.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$920.00					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO					
but all claims did not s	atisfy provisions of PCT Article 3	33(1)-(4)	\$730.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)				\$ 100.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	4 - 20 =		X \$18.00	\$	
Independent claims	1 -3=		X \$86.00	\$	
MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)		+ \$290.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 100.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$ 50.00	
SUBTOTAL =				\$ 50.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 50.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$ 50.00	· ·
				Amount to be refunded:	\$
<u></u>				Amount to be charged:	\$
a. A check in the amount of \$ to cover the above fees is enclosed.					
b. Please charge my Deposit Account Noin the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. The Commissioner is hereby authorized to charge any additional feet which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed					
d. Eees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-3038.					
	ropriate time limit under 37 Cl e the International Application		a petition to revive	(37 CFR 1.137(a) or (b)) must be filed
SEND ALL CORRESPONDENCE TO:					/
BOREALIS TECHNICAL LIMITED					
23545 NW SKYLINE BLVD					7
NORTH PLAINS OR 97133-9204 Rodney T Cox, Chairman and GEO NAME					
			REGISTRATIO	ON NUMBER	
	(REV. 7-2004)	Page 2 of 2			·····